

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/S13, 962

Source: PCT

Date Processed by STIC: 11-17-04

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 11/17/2004

PATENT APPLICATION: US/10/513,962

TIME: 14:25:36

Input Set : A:\Sequence Listing.ST25.txt

Output Set: N:\CRF4\11172004\J513962.raw

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3 <110> APPLICANT: IPF PharmaCeuticals GmbH
5 <120> TITLE OF INVENTION: A method of inhibiting the emigration of cells from the
6   intravascular compartment into tissues
8 <130> FILE REFERENCE: 030331wo ME/BM
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/513,962
C--> 11 <141> CURRENT FILING DATE: 2004-11-10
13 <160> NUMBER OF SEQ ID NOS: 20
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 17
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
24   sequence of CCL14 derivative CCL14[1-74]
26 <400> SEQUENCE: 1
27 Thr Lys Thr Glu Ser Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys
28   1           5           10           15
30 Cys
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 12
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
41   sequence of CCL14 derivative CCL14[6-74]
43 <400> SEQUENCE: 2
44 Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
45   1           5           10
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 11
50 <212> TYPE: PRT
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
55   sequence of CCL14 derivative CCL14[7-74]
57 <400> SEQUENCE: 3
58 Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
59   1           5           10
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 10
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence

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67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
69     sequence of CCL14 derivative CCL14[8-74]
71 <400> SEQUENCE: 4
72 Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
73   1           5           10
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
83     sequence of CCL14 derivative CCL14[9-74]
85 <400> SEQUENCE: 5
86 Gly Pro Tyr His Pro Ser Glu Cys Cys
87   1           5
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 9
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
97     sequence of CCL11 (eotaxin)
99 <400> SEQUENCE: 6
100 Gly Pro Ala Ser Val Pro Thr Cys Cys
101   1           5
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 8
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
111     sequence of CCL14 derivative CCL14[10-74]
113 <400> SEQUENCE: 7
114 Pro Tyr His Pro Ser Glu Cys Cys
115   1           5
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 7
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
125     sequence of CCL14 derivative CCL14[11-74]
127 <400> SEQUENCE: 8
128 Tyr His Pro Ser Glu Cys Cys
129   1           5
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 6
134 <212> TYPE: PRT

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135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
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139     sequence of CCL14 derivative CCL14[12-74]
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142 His Pro Ser Glu Cys Cys
143     1             5
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149 <213> ORGANISM: Artificial Sequence
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153     sequence of CCL14 derivative CRIC3
155 <400> SEQUENCE: 10
156 Pro Tyr His Pro Ser Glu Cys Cys
157     1             5
160 <210> SEQ ID NO: 11
161 <211> LENGTH: 8
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
167     sequence of CCL14 derivative Bis-MNY-CCL14
169 <400> SEQUENCE: 11
170 Pro Tyr His Pro Ser Glu Cys Cys
171     1             5
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175 <211> LENGTH: 65
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
181     sequence of CCL14 derivative CCL14[10-74]
183 <400> SEQUENCE: 12
184 Pro Tyr His Pro Ser Glu Cys Cys Phe Thr Tyr Thr Thr Tyr Lys Ile
185     1             5             10             15
187 Pro Arg Gln Arg Ile Met Asp Tyr Tyr Glu Thr Asn Ser Gln Cys Ser
188         20             25             30
190 Lys Pro Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys Thr
191         35             40             45
193 Asn Pro Ser Asp Lys Trp Val Gln Asp Tyr Ile Lys Asp Met Lys Glu
194         50             55             60
196 Asn
197 65
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 67
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence

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205 &lt;220&gt; FEATURE:

206 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal  
207 sequence of CXCL12 derivative CXCL12[1-67]

209 &lt;400&gt; SEQUENCE: 13

210 Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser

211 1 5 10 15

213 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro

214 20 25 30

216 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln

217 35 40 45

219 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys

220 50 55 60

222 Ala Leu Asn

223 65

226 &lt;210&gt; SEQ ID NO: 14

227 &lt;211&gt; LENGTH: 67

228 &lt;212&gt; TYPE: PRT

229 &lt;213&gt; ORGANISM: Artificial Sequence

231 &lt;220&gt; FEATURE:

232 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal  
233 sequence of CXCL12 derivative CXCL12V3I[1-67]

235 &lt;400&gt; SEQUENCE: 14

236 Lys Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser

237 1 5 10 15

239 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro

240 20 25 30

242 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln

243 35 40 45

245 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys

246 50 55 60

248 Ala Leu Asn

249 65

252 &lt;210&gt; SEQ ID NO: 15

253 &lt;211&gt; LENGTH: 66

254 &lt;212&gt; TYPE: PRT

255 &lt;213&gt; ORGANISM: Artificial Sequence

257 &lt;220&gt; FEATURE:

258 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal  
259 sequence of CXCL12 derivative CXCL12[2-67]

261 &lt;400&gt; SEQUENCE: 15

262 Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His

263 1 5 10 15

265 Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn

266 20 25 30

268 Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val

269 35 40 45

271 Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala

272 50 55 60

274 Leu Asn

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Input Set : A:\Sequence Listing.ST25.txt

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278 <210> SEQ ID NO: 16
279 <211> LENGTH: 66
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
285     sequence of CXCL12 derivative CXCL12V3I[2-67]
287 <400> SEQUENCE: 16
288 Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His
289   1             5             10             15
291 Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn
292             20             25             30
294 Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val
295             35             40             45
297 Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala
298             50             55             60
300 Leu Asn
301 65
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 72
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
311     sequence of CXCL12 derivative CXCL12[1-72]
313 <400> SEQUENCE: 17
314 Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
315   1             5             10             15
317 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
318             20             25             30
320 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
321             35             40             45
323 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
324             50             55             60
326 Ala Leu Asn Lys Arg Phe Lys Met
327 65             70
330 <210> SEQ ID NO: 18
331 <211> LENGTH: 72
332 <212> TYPE: PRT
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: N-terminal
337     sequence of CXCL12 derivative CXCL12V3I[1-72]
339 <400> SEQUENCE: 18
340 Lys Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
341   1             5             10             15
343 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
344             20             25             30

```

**VERIFICATION SUMMARY**

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date